ABSTRACT OF THE DISCLOSURE

An electromagnetic drive has a sliding portion and a stator, the stator forming a magnetic circuit in combination with the sliding portion. The stator has an accommodating portion for supporting the sliding portion so the sliding portion can reciprocate inside the accommodating portion. A magnetic attractive force is generated by a coil to attract the sliding portion in one of the reciprocating directions. The coil generates a magnetic attractive force when energized such that either one or both of at least an outer peripheral wall of the sliding portion and at least an inner peripheral wall of said accommodating portion forms a magnetic portion made of nickel phosphide. The phosphorus content of said magnetic portion is set within a range of 5% to 15% in mass percentage.